State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor
Nashville, TN 37243
Telephone: (615) 532-0554



## NON-TITLE V PERMIT APPLICATION FACILITY IDENTIFICATION

Please ty	Please type or print and submit in duplicate for each emission source. Attach appropriate source description forms.							
The second secon	The State of the S	SIT	E INFORMATION	N	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
1. Organization's legal name Tennesse Department of S	Safety and Homeland		For APC Company APC	point no.				
2. Site name (if different from Dover Radio Site	legal name)				use APC Log/Permonly	nit no.		
3. Site address (St./Rd./Hwy.)					County name			
Forest Tower Road			T = -		Stewart			
City or distance to nearest tov Dover			Zip code 37058		4. NAICS or SIC code 922120			
5. Site location (in lat. /long.)	Latitude 36 25 3.89 N				Longitude 87 50 52.25 W			
	e de la recommenda de la companya d	INFORM	ATION (RESPON	SIBLI	E PERSON)			
6. Responsible person/Authori Stephen Philyaw	ized contact				Phone number with area co 615-365-1664	ode		
Mailing address (St./Rd./Hw 225 Ezell Pike	y.)				Fax number with area code 615-360-8033	е		
City Nashville	,	State TN	Zip code 37217		Email address stephen.philyaw@tn	.gov		
	CON	TACT INF	ORMATION (TE	CHNIC	CAL)			
7. Principal technical contact Stephen Philyaw					Phone number with area code 615-365-1664			
Mailing address (St./Rd./Hw 225 Ezell Pike	у.)				Fax number with area code 615-360-8033			
City Nashville	on Add	State TN	Zip code 37217		Email address stephen.philyaw@tn	gov		
14dSHVIIIC	CO.		NFORMATION (E	DILL IN		·gov		
8. Billing contact	C	NIACI II	NEURMATION (E		Phone number with area co	nde		
TN Dept. of Safety/Homelan	d Security-Fiscal Ser	vices Divi	sion-Christine Ty		615-251-5138			
Mailing address (St./Rd./Hw 1150 Foster Ave	y.)				Fax number with area code 615-253-2652	>		
City Nashville		State TN	Zip code 37243		Email address Bill.Walker@tn.gov			
	EN	AISSION S	OURCE INFORM	ИАТІС	)N			
9. Emission source no. (number J130580677	r which uniquely identifies	this source)						
10. Brief description of emission	ı source							
One (1) 50KW Propane En	nergency Standby Ge	nerator, G	M 5.0L, Cummin	ıgs 500	GGPC Date of Manufa	acture: October 2013		
11. Normal operation:	ours/Day	Days/V			eeks/Year	Days/Year		
	Emergency Use	1	gency Use	Em	nergency Use	Emergency Use		
	ec. – Feb.	March			ne – August	Sept. – Nov.		
tin oughput 2	25%	25%		2	25%	25%		

	TVDE	OF PERMIT REQUESTED	500 P	100000000000000000000000000000000000000	STORY AND DESIGNATION	
13. Operating permit	Date construction started	Date completed		t permit no.	Emission source	referen
( )			~~~		number	
					L	
Construction permit	Last permit no.		Em	ission source refere	ence number	
( <b>X</b> )	None					
If you choose Construction p	permit, then choose either New Cons	struction, Modification, or Locatio	n transfer			
	New Construction	Starting date		Completion date		
	( <b>X</b> )	3rd Quarter, 2014		4th Quarter, 20	014	
	Modification	Date modification started or	will start	Date completed of	or will complete	
		Date modification started of	Will Start	Date completed c	or will complete	
	( )					
	Location transfer	Transfer date		Address of last lo	ocation	
	( )					
14 Describe changes that have	been made to this equipment or o	noration since the last construct	ion or oner	sting normit annli	agtions	
4. Describe changes that have	been made to this equipment of o	peration since the last constituct	ion or oper	ating per mit appir	cation:	
None						
TOILE						
		ALON 1 1 1			3.7	200
	11.00 1.0	SIGNATURE		A September 1997	1.0 111	•
	elief formed after a reasonable ir					
	pplication and any attached appl		to the best	ot my knowledge	e. As specified in	TCA
	leclaration is made under penalty					
5. Signature (application must b	be signed before it will be processed	1)	Date			
At Il on	(2-12. Quan)		6-13-14	1		
Signer's name (type of print)	) Title		Phone n	ımber with area c	ode	
Stephen Philyaw		Systems Analyst		55-1664	out	
~ · · · · · · · · · · · · · · · · · · ·	Ttauro	Systems I mary st	010 50			
High: 95-99+%. Me the system has several pieces of co	rs, wet scrubbers, and electrostatic pedium: 80-95% And connected control equipment, indicate	Low: Less than 80%. e the sequence. For example: 008'	correspond	to the following per	rcentages:	
High: 95-99+%. Me he system has several pieces of co	rs, wet scrubbers, and electrostatic pedium: 80-95% And	recipitators; the efficiency ranges Low: Less than 80%.	correspond	to the following per	rcentages:	
High: 95-99+%. Me the system has several pieces of conne of the below codes fit, use 99	rs, wet scrubbers, and electrostatic pedium: 80-95% And connected control equipment, indicate	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008' the comments.	correspond 010.97%			
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipmenttivated Carbon Adsorption	rs, wet scrubbers, and electrostatic pedium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008' the comments.  .000 Limestone Injection048 Limestone Injection	correspond 010.97% n – Dry n – Wet			042
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment tivated Carbon Adsorption	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy	correspond 010.97% n – Dry n – Wet ystem			042 049
High: 95-99+%. Me the system has several pieces of co tone of the below codes fit, use 99 Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – F	correspond 010.97%  n – Dry n – Wet ystemHigh Velocit	y		042 049 014
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea terburner – Catalytic	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – I .019 Mist Eliminator – I	correspond 010.97%  n – Dry n – Wet ystem High Velocit Low Velocit	y		042 049 014 015
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea terburner – Catalytic terburner – Catalytic with Heat Ex kalized Alumina	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in text.	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008's the comments.	n – Dry n – Wet system High Velocit	y		042 049 014 015
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea terburner – Catalytic terburner – Catalytic with Heat Ex kalized Alumina talytic Oxidation – Flue Gas Desul	rs, wet scrubbers, and electrostatic pedium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. The sequence. For example: 008's the comments.  COO Limestone Injection COAS Limestone Injection COAS Liquid Filtration Sy COAS Mist Eliminator – I COAS Mist Eliminator – I COAS Process Change COAS Process Gas Recov	correspond 010.97%  n – Dry n – Wet ystem High Velocit Low Velocit	y		042 049 014 046 054 060
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea terburner – Catalytic terburner – Catalytic with Heat Ex stalized Alumina talytic Oxidation – Flue Gas Desul clone – High Efficiency	rs, wet scrubbers, and electrostatic pedium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in text.	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – I .019 Mist Eliminator – I .020 Process Change040 Process Enclosed039 Process Gas Recov .007 Settling Chamber –	correspond 010.97%  n – Dry n – Wet ystem High Velocit cow Velocit ery	y		042 049 015 046 054 060
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea terburner – Catalytic terburner – Catalytic with Heat Ex calized Alumina talytic Oxidation – Flue Gas Desul clone – High Efficiency	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008' the comments.	correspond  010.97%  n – Dry n – Wet High Velocit ery High Effici Medium Ef	y/		042 049 015 046 054 060 004
High: 95-99+%. Me the system has several pieces of co tone of the below codes fit, use 99 Equipment tivated Carbon Adsorption terburner – Direct Flame with Hea terburner – Catalytic terburner – Catalytic with Heat Ex talized Alumina talytic Oxidation – Flue Gas Desul clone – High Efficiency clone – Medium Efficiency clone – Low Efficiency	rs, wet scrubbers, and electrostatic pedium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008's the comments.	n – Dry n – Wet ystem High Velocit cow Velocit High Effici Medium Ef	y		042 049 015 046 054 060 004
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – F .019 Mist Eliminator – F .020 Process Change040 Process Gas Recov .039 Process Gas Recov .007 Settling Chamber – .008 Settling Chamber – .009 Settling Chamber –	n – Dry n – Wet ystem High Velocit cow Velocit High Effici Medium Ef Low Efficie	y /ency ficiency only)		042 049 015 046 060 004 005 006
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 008's 3 the comments.	correspond  010.97%  n – Dry  n – Wet  ystem  High Velocit  Low Velocit  ery  High Effici  Medium Eft  Low Efficie  Low Control  – Contact P  – Double C	y		042 049 015 054 060 004 005 006 062 043
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 0083 2 the comments.  2	n – Dry n – Wet ystem High Velocit Low Velocit High Effici Medium Ef Low Effici oous Control – Contact P – Double C	yency		042 049 015 046 054 005 005 005 043
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – I .019 Mist Eliminator – I .020 Process Change040 Process Enclosed039 Process Gas Recov .007 Settling Chamber – .008 Settling Chamber – .008 Settling Chamber – .009 Settling Chamber – .009 Settling Chamber – .002 Spray Tower (Gase .010 Sulfuric Acid Plant .011 Sulfuric Acid Plant .012 Sulfuri Acid Plant .012 Sulfuri Plant	n – Dry n – Wet ystem High Velocit cow Velocit ery High Effici Medium Ef Low Efficie cous Control – Contact P – Double C	ency	ooding and	042 049 015 046 054 060 005 065 043 044 045
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 008's 3 the comments.  2.000 Limestone Injection 3.048 Limestone Injection 3.021 Liquid Filtration Sy 3.022 Mist Eliminator – E 3.019 Mist Eliminator – E 3.020 Process Change. 3.040 Process Enclosed 3.039 Process Gas Recov 3.040 Process Gas Recov 3.057 Settling Chamber – 3.068 Settling Chamber – 3.062 Spray Tower (Gase 3.010 Sulfuric Acid Plant 3.011 Sulfuric Acid Plant 3.012 Sulfur Plant 3.016 Vapor Recovery Sy 3.017 Other Enclosur	n – Dry n – Wet ystem High Velocit Low Velocit High Effici Medium Ef Low Efficie ous Control – Contact P – Double C	ency ficiency ency Only) rocess ontact Process Hing Condensers, H		042 049 015 046 054 004 005 060 043 045 045
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008's the comments.	n – Dry n – Wet ystem High Velocit Low Velocit Medium Ef Low Efficie Ous Control – Contact P – Double C  system (Includes) Gaseous Corgh Efficiency	ency	ooding and	042 049 015 046 060 005 065 045 045 045 045
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 0083 2 the comments.	correspond  010.97%  n – Dry n – Wet ystem High Velocit Low Velocit Medium Ef Low Efficie Medium Ef Low Control – Contact P – Double C	y	ooding and	042 049 015 046 054 005 006 052 043 045 047 045 047
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 0083 3 the comments.	correspond  010.97%  n – Dry n – Wet ystem High Velocit Low Velocit Medium Ef Low Efficie Medium Ef Low Efficie Ous Control – Contact P – Double C — Stem (Includes) — Saseous Corr gh Efficiency dium Efficiency	y	ooding and	042 049 015 046 054 005 006 052 043 045 045 047 053 001
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 the Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in the screen state of the screen schanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 008's 3 the comments.  2	correspond  010.97%  n – Dry n – Wet ystem High Velocit Low Velocit Medium Ef Low Efficie Medium Ef Low Efficie Ous Control – Contact P – Double C — Stem (Includes) — Saseous Corr gh Efficiency dium Efficiency	y	ooding and	042 049 015 046 054 005 006 052 043 045 045 047 053 001
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 to Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – I .019 Mist Eliminator – I .020 Process Change040 Process Enclosed039 Process Gas Recov .007 Settling Chamber – .008 Settling Chamber – .008 Settling Chamber – .009 Settling Chamber – .002 Spray Tower (Gase .010 Sulfuric Acid Plant .011 Sulfuric Acid Plant .012 Sulfur Plant016 Vapor Recovery Sy .017 Other Enclosur .018 Venturi Scrubber – Ho .023 Wet Scrubber – Ho .023 Wet Scrubber – Ho .051 Wet Suppression by .013	n – Dry n – Wet ystem High Velocit ow Velocit ery High Effici Medium Efficiencus Control – Contact P – Double C – Contact P – Stem (Includes) Saseous Corgan Efficiency dium Efficiency y Water Spra	y	ooding and	042 049 015 046 060 005 065 043 045 047 053 041 053
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 the Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 0083 the comments.	correspond  010.97%  n – Dry n – Wet ystem High Velocit Low Velocit Medium Ef Low Efficie Medium Ef Low Efficie Oous Control Control Contact P Double C Stem (Includes) Saseous Corr gh Efficiency dium Efficiency Water Spra	y	ooding and	042 049 015 046 054 060 045 045 047 047 051 001 002 003
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. 2 the sequence. For example: 0083 3 the comments.	correspond  010.97%  n – Dry n – Wet ystem High Velocit Low Velocit Medium Ef Low Efficie Medium Ef Low Efficie Oous Control – Contact P – Double C — Stem (Includes) — Stem (Includes) — Stem (Includes) — Water Spra	y	ooding and	042 049 015 060 060 060 045 047 047 045 047 061
High: 95-99+%. Me he system has several pieces of co none of the below codes fit, use 99  Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And connected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%. the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – I .019 Mist Eliminator – I .020 Process Change040 Process Enclosed039 Process Gas Recov .007 Settling Chamber – .008 Settling Chamber – .008 Settling Chamber – .009 Settling Chamber – .002 Spray Tower (Gase .010 Sulfuric Acid Plant .011 Sulfuric Acid Plant .012 Sulfur Plant016 Vapor Recovery Sy .017 Other Enclosur .018 Venturi Scrubber – He .023 Wet Scrubber – Me .023 Wet Scrubber – Me .050 Wet Scrubber – Me .051 Wet Suppression by .013	on-Dry	ency ficiency Only) ontact Process ding Condensers, H	ooding and	042 049 015 046 060 004 045 045 045 045 061
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 the Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008's the comments.  .000 Limestone Injection .048 Limestone Injection .021 Liquid Filtration Sy .022 Mist Eliminator – I .019 Mist Eliminator – I .020 Process Change040 Process Enclosed039 Process Gas Recov .007 Settling Chamber – .008 Settling Chamber – .008 Settling Chamber – .009 Settling Chamber – .002 Spray Tower (Gase .010 Sulfuric Acid Plant .011 Sulfuric Acid Plant .012 Sulfur Plant016 Vapor Recovery Sy .017 Other Enclosur .018 Venturi Scrubber – Ho .029 Wet Scrubber – Ho .020 Wet Scrubber – Mi .021 Wet Suppression by .013  nission Estimation Method Code	on-Dry	ency ficiency ency only) ontact Process ding Condensers, H	ooding and	042 049 015 046 004 005 045 045 045 045 061
High: 95-99+%. Me the system has several pieces of co none of the below codes fit, use 99 o Equipment	rs, wet scrubbers, and electrostatic predium: 80-95% And onnected control equipment, indicate 99 as a code for other and specify in at Exchanger	recipitators; the efficiency ranges Low: Less than 80%.  the sequence. For example: 008' the comments.	correspond  010.97%  n – Dry n – Wet ystem High Velocit Low Velocit High Effici Medium Ef Low Efficiency Contact P – Double C  stem (Includes) Saseous Congh Efficiency Water Spra  es	ency	ooding and	042 049 015 060 004 005 043 045 045 045 01 02 03 01

State of Tennessee Department of Environment and Conservation Division of Air Pollution Control William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor Nashville, TN 37243 Telephone: (615) 532-0554



## NON-TITLE V PERMIT APPLICATION EMISSION POINT DESCRIPTION

Please type or print and submit in duplicate for each stack or emission source. Attach to the Non-Title V Facility Identification Form (APC 100).									
GENERAL IDENTIFICATION AND DESCRIPTION									
1. Organization name Por APC Company point no.									
Tennessee Department of Safety and Homeland Security  APC									
2. Emission source no. (As on Non-Title V Facility Identification Form) Flow diagram point number APC Log/Permit no.									
1130580677									
3. Brief emission point description (Attach a sketch if appropriate):  Distance to nearest property line (Ft.)									
5. District emission point description (Attach a sketch it appropriate).									
One (1) 50KW Propane Emergency Standby Generator, GM 5.0L, Cummings 50GGPC Date of Manu									
10 Sept. 1711 - 1815 - 1815		Special Control	STACK AN	ID EMI	ISSION DATA				
4. Stack or emission point data:	Height above	grade (Ft.)	Diameter (F	7t.)	Temperature (°F)	% of ti	ime over 125°F	Direction of ex	
data:	   approximat	elv 6 ft	.229		1204	100		(Up, down or l UP	iorizoniai)
. →									
Data at exit conditions:	Flow (actual )	Ft.3/Min.)	Velocity (Ft /Sec.)	t.	Moisture (Grains/F	t.³)		Moisture (Pero	cent)
$\rightarrow$			"						
Data at standard	Flow (Dry std	Et 3/Min	Velocity (Ft		Moisture (Grains/Ft	+ <sup>3</sup> \		Moiatura (Para	uont)
conditions:	Flow (Dly sto	i. Ft. /iviiii.)	/Sec.)		Wolsture (Granis/11	i. <i>)</i>		Moisture (Percent)	
→ 5. Air contaminants			Actual emissi	ons					1
	Emissions	s (Lbs./Hr.)							
	2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(2001/1111)	_		Avg. emissio	nns	Emissions est.	Control	Control
	Average	Maximum	Concent	ration	(Tons/Yr.)		method code	devices *	efficiency%
Particulate matter			**						
Sulfur dioxide (SO <sub>2</sub> )			***						
Carbon monoxide (CO)			PPM						
Carbon monoxide (CO)		8.73	PPIVI		2.61		6	000	
Organic compounds			PPM						
Nitrogen oxides (NO <sub>x</sub> )			PPM		200			000	
		1.2			.360		6	000	
Fluorides									
Greenhouse gases (CO <sub>2</sub>									
equivalents) Hazardous air pollutant						_			
(specify)									
Hazardous air pollutant (specify)									
Other (specify)		•			· <del> </del> · · · · · · · · · · · · · · · · · · ·	_			
					· ·				
Other (specify)									
Other (specify)								*****	
			L,						

				APC 101
6. Check types of a	monitoring and recording instrum	ents that are attached:		
Opacity monitor			), Other (specify in comments) (	)
7. Comments				
Calculations deriv	ved using information provid-	ed from manufactur	er.	
	2			
	•			
				•
8. Control device or Method code description:	Description of operating parameter	ers of device (flow rate,	temperature, pressure drop, etc.):	1
** Exit gas particula Lbs. /Million BTU	U heat input.  oxide concentrations units: Process -	ss – Grains/Dry Standard - PPM by volume, dry b ble of Pollution Reduct	I Ft <sup>3</sup> (70°F), Wood fired boilers - Grains/Dr ases, and boilers – Lbs. /Million BTU heat ion Device or Method Codes tical listing)	
Note: For cyclones set	tling chambers wet scrubbers and	electrostatic precipitators	s; the efficiency ranges correspond to the fo	llowing percentages:
High: 95-99+%.	Medium: 80-95%	And Low: Less		P b
	al pieces of connected control equipa des fit, use 999 as a code for other a			
			Limestone Injection – Dry	
	rptioname		Limestone Injection – Wet Liquid Filtration System	
	ame with Heat Exchanger		Mist Eliminator – High Velocity	
	ane with freat Exchanger		Mist Eliminator – Low Velocity	
	with Heat Exchanger		Process Change	
A 11 11 1 A 1 1		0.40	D	

No Equipment000	Limestone Injection – Dry	041
Activated Carbon Adsorption048	Limestone Injection – Wet	042
Afterburner – Direct Flame021	Liquid Filtration System	049
Afterburner – Direct Flame with Heat Exchanger022	Mist Eliminator – High Velocity	014
Afterburner – Catalytic019	Mist Eliminator – Low Velocity	015
Afterburner – Catalytic with Heat Exchanger020	Process Change	046
Alkalized Alumina040	Process Enclosed	054
Catalytic Oxidation – Flue Gas Desulfurization	Process Gas Recovery	060
Cyclone – High Efficiency007	Settling Chamber – High Efficiency	004
Cyclone – Medium Efficiency008	Settling Chamber – Medium Efficiency	
Cyclone – Low Efficiency009	Settling Chamber – Low Efficiency	006
Dust Suppression by Chemical Stabilizers or Wetting Agents 062	Spray Tower (Gaseous Control Only)	052
Electrostatic Precipitator – High Efficiency010	Sulfuric Acid Plant – Contact Process	043
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**Table of Emission Estimation Method Codes** 

 State of Tennessee Department of Environment and Conservation Division of Air Pollution Control William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor Nashville, TN 37243 Telephone: (615) 532-0554



## NON-TITLE V PERMIT APPLICATION PROCESS OR FUEL BURNING SOURCE DESCRIPTION

Please type or print and submit in duplicate and attach to the Non-Title V Facility Identification Form (APC 100).								
GENERAL IDENTIFICATION AND DESCRIPTION								
1. Organization name APC Company - Point no.								
Tennessee Department of Safety and Homeland Security  For								
2. Emission source no. (As on Non-Title V Facility Identification Form)  APC use  APC Log/Permit no.								
J130580677 only								
3. Description of process unit								
One (1) 50KW Propane Emergency Standby Generator, GM 5.0L, Cummings 50GGPC Date of Manufacture: October, 2013.								
	PROCESS SOURCE DESC	CRIPTION AND DATA						
4. Type of source			(Check only one option below)					
Process Source: Apply for a separate Permit for each	source. (Check at right and co	mplete lines 5, 6, and 11)	(' )					
Process Source with in process fuel: Products of com Apply for a separate permit for each source. (Check a			( )					
Non-Process fuel burning source: Products of combustion do not contact materials heated.  Complete this form for each boiler or fuel burner and complete a Non-Title V Emission Point Description Form (APC 101) for each stack. (Check at right and complete lines 7 to 11)								
5. Type of operation: Continuous ( )	Batch ( )	Normal batch time	Normal batches/day					
6. Process material inputs and	Diagram reference	Inpu	t rates (pounds/hour)					
In-process solid fuels		Design	Actual					
A.								
N/A								
В.								
C.								
D.		· · · · · · · · · · · · · · · · · · ·						
P								
Е.								
F.								
G.								
	Totals							

(Over)

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<sup>\*</sup> A simple process flow diagram must be attached.

									G PR	OCESS DESCRI	(PTION
7.		_			using a separate for						
Nu	mber	Sta nur	ck nber**	Type of firing**	*	Rated h	orsepower	Rated input capacity (specify capacity and units)  (10 <sup>6</sup> BTU/Hr.)		city and units)	
01		1		Propane Spar	k ingited	79		(10.2.		50 KW	
Ser	al no.		Date con		Date manufacture	d		st modifie	cation (	explain in comment	s below)
			Not Co	nstructed Yet	October, 2013		None				
	*** Cyclone	, spre	ader (with	ack will have the sa or without reinject: (describe below in	ion), pulverized (we	et or dry botte	om, with or	without r	einjecti	on), other stoker (sp	pecify type, hand fired,
0	E 111	a e	EDWARD FACORATURE AND ANY DESCRIPTIONS						000-000-000-000	L BURNING SO	URCE
8.	Primary fuel		(specify)	iquid Propane	in process fuel or a	non-process		g source) by fuel ty		specify)	
	Fuels used			Annual usage	Hour	ly usage	%	<u>. T</u>	%	BTU value	(For APC use only)
	i deis dsed			Aimuai usage	Design	Average			Ash	of fuel	SCC code
	Natural gas:			10 <sup>6</sup> Cu. Ft.	Cu. Ft.	Cu. Ft.	/ / /	/ / /	/ / / / /	1,000	
	#2 Fuel oil:			10 <sup>3</sup> Gal.	Gal.	Gal.			/ / / / /		
	#5 Fuel oil:			10 <sup>3</sup> Gal.	Gal.	Gal.		[· ,	/ / / / /		
	#6 Fuel oil:			10 <sup>3</sup> Gal.	Gal.	Gal.			/ / / / /		
·—	Coal:			Tons	Lbs.	Lbs.					
	Wood:			Tons	Lbs.	Lbs.	/ / /	' /   /	/ / / / /		
	Liquid propa	ne:		10 <sup>3</sup> Gal. Negligible	Gal.	Gal. 7.4	/ / /	' / /	' /	85,000	
	Other (specification):	y type	e &								
9.	If Wood is u	sed a	s a fuel, sp	ecify types and es	timate percent by	weight of ba	rk		I		· ·
10.	If Wood is u	sed w	ith other f	uels, specify perce	ent by weight of wo	ood charged	to the burn	er.			
11. Comments  Standby Emergency Generator- usage depends of commercial power losses.											

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